

Applicants: Stephen P. Goff and Guangxia Gao
U.S. Serial No.: 10/568,396
Filed: August 31, 2006
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2009 Office Action

Listing of Claims:

Pursuant to 37 C.F.R. §1.121(c), this listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An isolated ZAP protein.
2. (Original) The protein of claim 1, wherein the protein is a human ZAP protein.
3. (Original) The protein of claim 1, wherein the protein is a rat ZAP protein.
4. (Original) The protein of claim 1, wherein the protein is a mouse ZAP protein.
5. (Original) The protein of claim 1, wherein the protein comprises the amino sequence set forth in SEQ ID NO: 1.
6. (Original) The protein of claim 1, wherein the protein has deleted from it a region which causes protein instability.
7. (Original) The protein of claim 6, wherein the region is the WWE region.
- 8-36. (Canceled)
37. (Currently Amended) A method for increasing the amount of ZAP protein in a subject's cells which comprises

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administering to the subject an amount of ~~ZAP protein~~ the protein of claim 1 effective to increase the amount of ZAP protein in the subject's cells.

38-56. (Canceled)

57. (New) The method of claim 37, wherein the subject is a human.

58. (New) A method for increasing resistance to a virus in a subject which comprises administering to the subject an amount of the protein of claim 1 effective to increase the amount of ZAP protein in the subject's cells, so as to thereby increase resistance to the virus in the subject.

59. (New) The method of claim 58, wherein the subject is a human.

60. (New) The method of claim 58, wherein the virus is an alpha virus.

61. (New) The method of claim 58, wherein the virus is West Nile virus.